

DERWENT-ACC-NO: 1985-253298

DERWENT-WEEK: 198541

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TITLE: Linen fibre treatment - comprises wetting linen sliver,
winding up with bobbin, treating with hot alkali soln.
then with levelling and thickening agents

PATENT-ASSIGNEE: UNITIKA LTD[NIRA]

PRIORITY-DATA: 1984JP-0023974 (February 8, 1984)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES
MAIN-IPC			
JP 60167978 A	August 31, 1985	N/A	004 N/A

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
JP 60167978A	N/A	1984JP-0023974	February 8, 1984

INT-CL (IPC): D06M001/08, D06M015/12

ABSTRACTED-PUB-NO: JP 60167978A

BASIC-ABSTRACT:

Linen sliver is wetted and wound up with a bobbin and then treated with hot alkali soln. followed by a levelling agent and thickening agent. The linen sliver is of 30-40 denier and 20-70 cm in length. It is immersed in water to swell adhesive substance e.g. pectin, lignin or hemicellulose to decrease adhesion strength and then treated with hot alkali soln. to dissolve and remove the adhesive substance. Ratio of the removing soln. is 5-25 wt.%. The sliver is then treated with a levelling agent and thickening agent. Concn. of the levelling agent and thickening agent is 0.1-1.5 wt.% and 0.3-3wt.%. The levelling agent used is a nonionic and anionic surfactant, esp. nonionic surfactant composed of a copolymer of polyethylene oxide and polypropylene

P

oxide. The thickening agent used includes starch, PVA and acrylic acid ester.

CHOSEN-DRAWING: Dwg.0/2

TITLE-TERMS: LINEN FIBRE TREAT COMPRISE WET LINEN SLIVER WIND
UP BOBBIN TREAT

HOT ALKALI SOLUTION LEVEL THICKEN AGENT

ADDL-INDEXING-TERMS:

POLYETHYLENE POLYPROPYLENE OXIDE COPOLYMER

DERWENT-CLASS: A87 F06

CPI-CODES: A03-A05A; A11-C05; A12-S05T; F01-F; F01-H03D; F01-H06;
F03-B;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0013 0229 1279 1590 1604 1982 1989 1995 2007 2008 2179 2198
2201

2271 2272 2277 2282 2283 2372 2486 2524 2528 2654 0486

Multipunch Codes: 014 028 03- 034 074 081 147 198 200 231 236 244 245 252
253

259 27& 311 318 32& 325 336 339 340 359 388 481 483 575 596 688 720 722
726

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1985-109870